

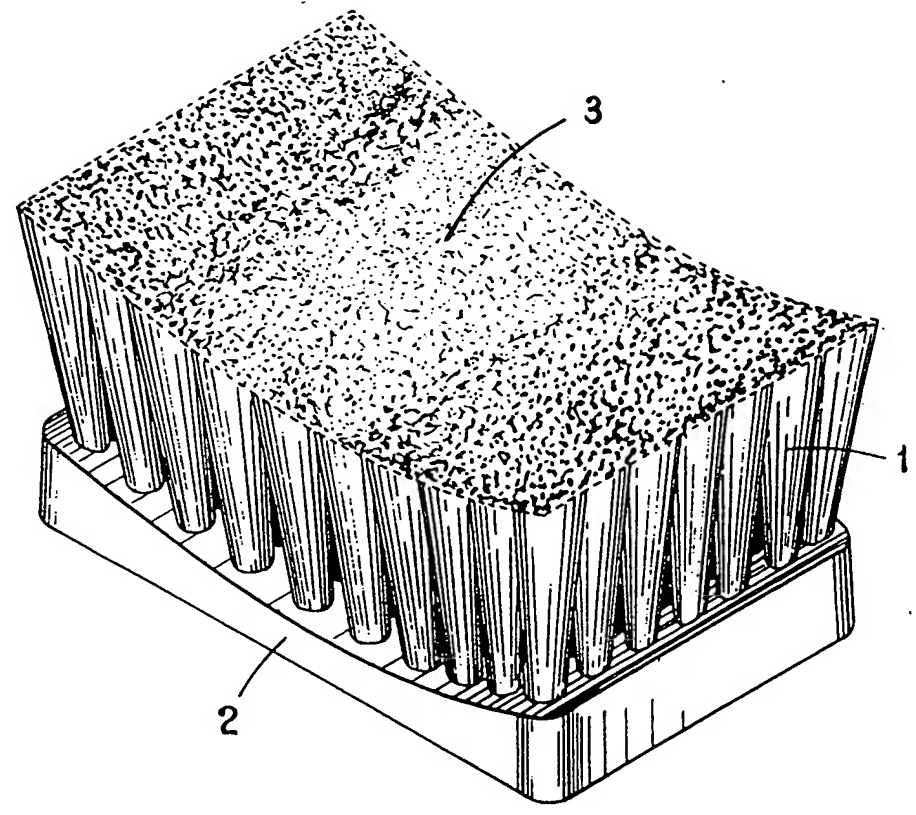
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UK 630,648

[This Drawing is a reproduction of the Original on a reduced scale.]



137/160

# PATENT SPECIFICATION

630.648



Application Date : July 14, 1947.

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EXAMINER'S  
COPY  
DIV. .... 27

Index at acceptance:—Class 19, A(3x:11).

## PROVISIONAL SPECIFICATION

### Improvements in Hairbrushes

I, SIDNEY RICHE, a British subject, of Hay Hill, Berkeley Square, London, W.1, do hereby declare the nature of this invention to be as follows:—

5 This invention has reference to hairbrushes and has for its object to provide a brush in which the bristles or equivalent filaments (hereinafter referred to as the bristles) are so set out that the area containing the ends thereof, i.e. the effective brushing area, accommodates itself more readily to the shape of the head than does an ordinary flat or plane area.

10 According to the said invention a hairbrush is constructed with its bristles so cut or arranged that the central area is depressed in relation to the outer area. Preferably the whole area is formed in simple concave fashion for this purpose.

In one embodiment, the bristles on a 20 flat faced base or stock are cut in unequal lengths so that the upper brushing surface is a substantially partly cylindrical concavity. If the stock is longer in one direction than the other, e.g. oval or 25 oblong, the axis of the concave curve may run transversely or longitudinally, preferably the former. The same result may be attained by employing bristles of equal length mounted in a stock in which 30 the mounting bed is of concave form.

The invention applies to hairbrushes with or without handles.

Dated this 14th day of July, 1947.

EDWIN C. AXE, A.I.M.E.,  
27, Chancery Lane, London, W.C.2,  
Agent for the Applicant.

## COMPLETE SPECIFICATION

### Improvements in Hairbrushes

I, SIDNEY RICHE, a British subject, of 35 Hay Hill, Berkeley Square, London, W.1, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and 40 by the following statement:—

This invention relates to hairbrushes of the kind in which the bristles or equivalent filaments (hereinafter referred to as the bristles) are so set out that the area 45 containing the ends thereof, i.e. the effective brushing surface is curved to accommodate itself more readily to the curvature of the head than does an ordinary flat area.

50 A hairbrush of the above-mentioned kind has already been proposed in which the tips of the bristles define (in end view) a half circle which is concentric with the longitudinal axis of the brush 55 stock and wherein the tips of the bristles along the length of the brush define a

concave curve corresponding to the general curve of the head.

Also, it has been proposed to provide brushes in which the outer ends of the 60 bristles are arranged to form a part spherical recess so that the brush may form a soap stand.

Further, brushes intended more particularly as nail brushes, are known in 65 which bristles of unequal length are fixed to a flat stock to form an angular or V-shaped brushing surface which is capable of following the contour of the surface to be brushed. 70

Now according to the present invention, there is provided a hairbrush of the kind referred to in which bristles of equal length are arranged on a stock or base in which the mounting bed is of concave 75 form in one direction only so that the effective brushing surface at the tips of the bristles forms a partly cylindrical concavity.

[Price 2/-]

I am aware that it has previously been proposed to provide a hairdyeing apparatus comprising a brush and a dipping dye trough therefor in which the stock comprises a flat body part having one or more rows of bristles extending therefrom in the same general plane and in which the lower edge of the stock to which the bristles are attached is concave so that the outer ends of the bristles form a curve corresponding to the general curvature of the head. Such a brush however could not be used, and is not intended for use, as a hairbrush in the ordinary sense of the term.

In order that the invention may be clearly understood and readily carried into effect, reference will now be made to the accompanying drawing in which the single view shown is a perspective view of the brush.

Referring to the drawing, the bristles 1 are all of equal length and are mounted in a stock or base 2 in which the mounting bed is of concave form in one direction only so that the upper brushing surface 3 is a substantially partly cylindrical concavity.

If the stock 2 is longer in one direction than the other, e.g. oval or oblong,

the axis of the concave curve may run transversely or longitudinally, preferably the former as shown.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

1. A hairbrush of the kind referred to which is characterised in that bristles of equal length are arranged on a stock or base in which the mounting bed is of concave form in one direction only so that the effective brushing surface at the tips of the bristles forms a partly cylindrical concavity.

2. A hairbrush according to Claim 1, wherein when the stock of the brush is longer in one direction than the other, the axis of the concave curve extends transversely of the stock.

3. A hairbrush of the kind referred to, constructed substantially as hereinbefore described with reference to the accompanying drawing.

Dated this 21st day of January, 1948.

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